

Theory of the Method of Subcircuits, by G. Ye. Pukhov,
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RUSSIAN, per, Elektrichestvo, No 8, Aug 1952, pp 65-
73, Encl to FDD PA 235-T-35.

AF 589506

USSR
Scientific - Electricity

7332

Nov 53 CTS

Method of Accurate Stabilization of a d.c. Voltage,
by M. A. Zenzelman

RUSSIAN, per, Elektrichestvo, 1952, No 3, pp 74-75.

D.S.I.R Tr No E.C.L. 45

1084

Scientific - Electricity

1st No 49, Apr 1953

(FDD 19632)

Prof. L. R. Neyman, His Fiftieth Birthday, by A. A.
Gorev, 5 pp.

RUSSIAN, no. par. Elektricheskoye, No 8, Moscow,
Aug 1952, pp 92, 93.

CIA/FDD/U-5366

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Sci - Electricity, personalities

Jan 54

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The Igniting Power of an Electric Spark
Discharge, by V. S. Kravchenko, 14 pp. UNCLASSIFIED

RUSSIAN, no per, Elektrichestvo, No 9, USSR,
1952, Encl. to NA, London, Ser 328-55, pp 21-27.

TPA3/TIB T 4182

Scientific - Electricity
CTB 71/Aug 1955

26, 149

To the Theory of Determining the Permeability of
Metal Ferronagnetics and Magneto-dielectrics Accord-
ing to Experimental Results, by K. M. Pol'sunov,
29 pp.

RUSSIAN, per, Elektrichestvo, No. 3, 1953, pp 19-29.

9036378

Morris D. Friedman

Sci - Electronics

Feb 59

81,146

Calculation of Transient Processes in Long Lines
by Means of Bessel Functions of Two Inde-
pendent Variables, by P. I. Kuznetsov, 16 pp.

RUSSIAN, per, Elektrichestvo, No 5, 1953,
pp 35-40. 9204397

Emmanuel College Res Center

E-T-R-R-62-50

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OTS 61-15787

Sci - Mathe & Data Proc
Mar 63

226,659

The Influence of Operating Conditions of
Elektrichestvo, by I. P. Isayev.
RUSSIAN, per, Elektrichestvo, 1953, No 7,
pp 12-19.
NLL RTS 2709 (On Loan or Purchase)

Aug 65

288,833

Nature of the Ionic Current in an Ionic Valve at
High Inverse Voltages, by V. L. Granovskii,
I. A. Lukatska.
RUSSIAN, per. Elektrichestvo, No 8, 1953, pp 49-
53.
NLL Ref: 3774.5 (1556)

Sci-Phys
Aug 68

363.637

Certain Questions on the Dynamics of Electric
Hydraulic Drives, by N. G. Chilikin, A. N.
Korytin, 4 pp. UNCLASSIFIED

RUSSIAN, per, Elektrichestvo, No 12, 1953.

Navy Tr 1141/ENL 908

Scientific - Electricity

Mar 55 OTH/DMX

22,296

I. Ye. Balygin

Electrical Breakdown of liquid Dielectrics (A Review)
13 pp.

RUSSIAN, Elektrichestvo, No 1, 1954, pp 89-92

AIR/FTD-HT-23-772-72

jan 73

Conductor Ice-Loading, by O. G. Vekselman.

RUSSIAN, per, Elektrichestvo, Vol V,
1954, pp 13-16.

ASLIB GB 10/696

Sci - Engr
Apr 62

192,111

TT-63-23699

I. Zaitsev, I. A.
II. Kalyaev, A. V.

Zaitsev, I. A. and Kalyaev, A. V.
DIRECT CURRENT MEASURING TRANSFORMER.
tr. by Yuri Ksander. 2 Oct 53, 11p (figs omitted) 4refs
Order from OTS, SLA, or ETC \$1.60 TT-63-23699

Trans. of ~~Elektrichestvo~~ (USSR) 1954, no. 2,
p. 21-25. (Abstract available)

DESCRIPTORS: *Direct current, *Transformers,
*Measuring devices (Electrical and electronic),
*Frequency multipliers, Electric potential.

Proposal is made to use an ordinary ferromagnetic
frequency doubler operating in a short-circuit as a
measuring transformer for direct current and voltage.
Theoretical analysis of its operation is made.
Experimental data are given. (Author)

(Engineering--Electrical, TT, v. 11, no. 6)

Office of Technical Services

Overvoltages in Filled-In Cable Punctures, by
Ch. M. Dzhuravly, G. V. Vechkeizer, 9 pp.

RUSSIAN, no per, Elektrichestvo, No 3, 1954,
p 58.

Morris D. Friedman
\$5.00

Scientific - Physics

CMB 67/Apr 55

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D. M. Kazarnovskiy's Book, "Testing Technical
Radio Materials and Parts," by P. I. Zavalishin,
7 pp, (AF 630332). UNCLASSIFIED

RUSSIAN, per, Elektrichestvo, No 5, 1954,
pp 95, 96. CIA D 217016

ATIC F-TS-8427

24-402

Scientific - Electricity

CTS 69/Jun 55

SELF-OSCILLATION OF AN IONIC FREQUENCY CHANGER
BY INDUCTION MOTORS, BY V. A. LABUNTSOV.

RUSSIAN, PER, ELEKTRICHESTVO, X NO 6, 1954,
PP 46-52.

NLL RTS 1969

SCI - ELECTRICITY

OTS 62-13154

JUN 62

199,892

Nazarov, V. G.

ELECTRETS AND THEIR APPLICATION IN ELECTRICAL ENGINEERING. [1962] 10p. 7 refs.

Order from OTS or SLA \$1.10

63-10776

Trans. of Elektrichestvo (USSR) 1954, no. 7, p. 60-62.

DESCRIPTORS: *Electric insulation, Electrical engineering, Magnetic properties, *Electrets.

The electrical insulation material - electrets, which have a constant electrification and properties analogous to the ones of permanent magnets are investigated. The application of electrets in the various fields of electrical engineering is discussed and data of the processing technology are given. (Author)

(Engineering--Electrical, TT, v. 9, no. 10)

63-10776

I. Nazarov, V. G.

Office of Technical Services

Use of Self-Synchronization Method for Parallel
Switching of Synchronous Machines, by I. Syromyat-
nikov.

RUSSIAN, per, Elektrichestvo, No 8, Aug 1954, pp 3-
3-9. GB 125

UKSM BE 772

Sci - Engr

58, 220

Feb 58

The Effect of the Compositions of the Inter-
Electrode Medium of the Wear of a Disc-Cathode
and on the Efficiency of the Electro-Erosion
Method of Cutting Metals, by V. K. Nevezhin,

RUSSIAN, per, Elektrichestvo, No 8, 1954, pp 52-57.

26, 772

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L2.8s. (6s.0d)

Scientific - Electronics

Sep 55 CTS

ASLIB-6B7

magnetic Amplifiers, 18 pp, (AF 638447).
UNCLASSIFIED

RUSSIAN, per, Elektrichestvo, No 8, 1954,
p 67-72. CIA D 217017

ATTC F-TS-8428

Scientific - Electronics, Electricity
CTB 69/Jun 55

24,401

Rivkin, A. M.
THE SELECTION OF PARAMETERS AND THE
DESIGN OF A MEASURING D. C. TRANSFORMER,
tr. by Yuri Ksander. 26 Mar 54, 7p (figs omitted) 2 refs
Order from OTS, SLA, or ETC \$1.10 TT-63-23700

Trans. of ~~Elektrichestvo~~ (USSR) 1954, no. 9,
p. 26-28. (Abstract available)

DESCRIPTORS: *Measuring devices (Electrical and
electronic), Direct current, *Transformers, Design,
Coils, Magnetic properties.

A report is made of method used in the graphic
analytical design of a measuring d. c. transformer
and a recommendation is made concerning the choice
of basic data for design. (Author)

(Engineering--Electrical, TT, v. 11, no. 6)

TT-63-23700

I. Rivkin, A. M.

Office of Technical Services

The Stator Windings of Large Hydraulic
Generators With Parallel Branches, by
A. S. Yermayev. UNCL

RUSSIAN, per, Elektrichestvo, No 10, 1950,
pp 3-7.

DEIR LLU (loan) M.534

NP 59-2274

Sci - Electron
Nov 59

100,748

Selection of the Size of Inductor and Charge
for a Coreless Induction Furnace, by G. S.
Vainberg. UNCL

RUSSIAN, per, Elektrichestvo, No 10, 1959,
pp 29-32.

DSIR Lending Library Unit M.59

Sci. - Electron
Apr 59

83,937

Possibility of the Revival of an Organism
With Cardiac Fibrillation by Means of the
Pulse-Current Effect, by A. A. Akopyan,
N. L. Gurvich, I. A. Zhukov, V. A. Negovskiy,
21 pp. UNCLASSIFIED

RUSSIAN, per, Elektrichestvo, No 10, 1954,
pp 43-49.

ATIC F-TW-9569/III

Sci - Med
Aug 58

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95413 G.E. 125 11.12.1971

Vertical Electric Motors for large pumps,
by L. B. Neyman. UNCL

RUSSIAN, per, Elektrichestvo, No 10, 1954,
pp 55-62.

DSIR Lending Library Unit M.38

Sci - Electron
Apr 59

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83 83

Method of Determination of Luminosity Characteristics
of Incandescent Lamps As a Function of Voltage, by
A. A. Vol'kenshtein,

RUSSIAN, no per, Elektrichestvo, No 11, 1954, pp 73-76.

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Nat Phys Lab Of India
Hillside Rd.
New Delhi-12, India

Scientific - Electricity
Engineering

Jun 56/dex

The Principle of Duality in the Theory of
Magnetic Amplifiers, by V. F. Remner.
(AF 646524)

RUSSIAN, per, ~~Elektrichestvo~~, No 11, 1954,
pp 76-80. CIA D 488697

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Scientific - Electricity
Jun 56 CTS/dex

The Design of an Electromagnetic Brake, by M. A. Panasenkov, 10 pp.

RUSSIAN, per, Electrichestvo, No 12, 1954,
pp 13-18.

Sci Mus Lib Tr 57/0493

Sci - Engr
Jun 57

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New Russian Defectoscope for Insulators, by
V. N. Shchepetov, 15pp.

RUSSIAN, per, Elektrichestvo, No 12, 1954,
pp 38-44.

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Scientific - Engineering

Nov 55 CTS

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Determination of the Specific Resistance of the
Earth to an Alternating Current, by M. I.
Mikhailov, L. D. Razumov,

RUSSIAN, per, Elektrichestvo, Vol V, pp 31-35.
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May 60

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Sintered Metal Powder Materials for Electrical
Contacts, by A. Altman, I. Melashenko,

RUSSIAN, per, Elektrichestvo, No 1, 1955, pp 42-47.
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Sci - Electricity
Jan 58

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The Effect of Alternating Stresses Upon the
Mechanical Strength of High-Voltage Porcelain,
by N. G. Drozdov, Yu. S. Chatinyan.

RUSSIAN, per, Elektrichestvo, No 2, 1955,
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SLA R-1889

New Standard for the Contact Series in Electrified
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Accuracy of Measuring Resistance With a Double
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pp 65-68.

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AKC-C-2193

Experimental Investigation of the Re-Synchroni-
sation of Generators,

RUSSIAN, per, Elektrichestvo, No 4, 1955, pp 24-
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NLL RTS 2978

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Nov 67

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Experimental Study of the Resynchronization of Genera-
tors, by T. M. Markovich, S. A. Sovolov, 16 pp.

Full tr.

RUSSIAN, no per, Elektrichestvo, No 4, Apr 1995, pp
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Sci - Electricity
Feb 1957 CHS/DEX

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DS14 T-1074

The Elastic Modulus of High Voltage Porcelain
as a Characteristic of the Mechanical
Strength, by N. G. Drosdov, Yu. S. Chaitnyan.

RUSSIAN, per, Elektrichestvo, No 4, 1955,
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May 1956

OTS TT-62-23085 (RUSSIAN TO FRENCH)

The Electrical Properties of ~~Stack~~ Steatite Materials at Elevated Temperatures, by Kh. S. Valeev, 16 pp.

Full tr.

RUSSIAN, no par, Elektrichestvo, No 4, Apr 1955, pp 62-68.

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The Use of Organsilicon Insulation in Electrical
Machines, by K. A. Andriyanov, V. I. Kalitvyanskiy, ~~26~~
16 pp.

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RUSSIAN, no per, Elektrichestvo, No 4, Apr 1955, pp

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Sci - Electricity
Feb 1957 CIB/DEX

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(FDD 26497)

Conference on the Compensating Methods of Measurements, by I. P. Popko, 4 pp.

RUSSIAN, no per, Elektrichestvo, No 4, Moscow, Apr 1955, 87.

CIA/FDD/U-7657

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Sci - Electronics

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Determination of the AC Resistivity of
the Soil, by M. I. Mikhailov, L. D.
Razumov.

RUSSIAN, per, Elektrichestvo, No 5, 1955,
pp 31-35.

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Sci - Electricity
Apr 62

191, 732

Influence of Semiconducting Glass on Flashover
Phenomena Along the Polluted Surface of Porcelain,
by D. Kyvan Den, ~~+~~

RUSSIAN, per, Elektrichestvo, No 5, 1955, pp 45-49.

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Sci
Aug 59

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Testing the Inter-Turn Insulation of the Windings
of Electric Motors Under Operating Conditions, by
M. V. Smirnov.

RUSSIAN, per, Elektrichestvo, No 5, 1955, pp 49-51.

NLL M. 3465

Sci - Electron

May 62

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The Ionization of Oil-in Pregated Paper Insulation,
by B. V. Malinin.

RUSSIAN, per, Elektrichestvo, No 5, 1955, pp 54-
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Self-Excitation and Self-Amplification of
Compensating Synchronous Capacitors, by I. A.
Kozlovskiy, et al. URCL

RUSMAN, per, Elektrichestvo, No 5, 1955,
pp 59-63.

DSIR Lending Library Unit M.26

Sci - Electron
Apr 59

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Investigation of Magnetic Eddy Fields in the
Electrolytic Tank, by P. M. Egorov.

RUSSIAN, per, Elektrichestvo, No 6, 1955,
pp 54-58.

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Sci - Physics
Jul 57

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T (FDD 26406)

The Tasks of the Electrical Industry at the Present Stage, by N. I. Borisenko.

RUSSIAN, per, Elektrichestvo, Jul 1955, pp 24 28.

CIA/FDD Sum 739

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Econ - Technological, machine building

The Calculation of a Large Rotor, by R. K. Balyan.

RUSSIAN, per, Elektrichestvo, No 6, 1955, pp 25-32.

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New Developments in the Field of Ceramic l.v.
Capacitors, by N. P. Bogoroditskiy, et al.

RUSSIAN, no per, Elektrichestvo, No 6, 1955,
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Coop Trans Scheme Tr 222
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Sci - Electricity, Engineering;

Jul 1956

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High-Voltage Direct Current Transmission,
by V. P. Pimenov, and M. R. Sonin, 21 pp.

RUSSIAN, per, *Elektrichestvo*, ⁷²⁷Vol. ~~VI~~, 1955,
p 93-99.

SLA R-1486

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Kostenko, M. P. and Urusov, I. D.
ELECTRODYNAMIC MODELS OF HYDROELECTRIC
GENERATORS OF THE KUIBYSHEV HYDROELEC-
TRIC STATION (Elektrodinamicheskie Modeli Gidro-
generatorov Kuibyshevskoi GES) tr. by G. Belkov. 1961,
29p. 7 refs. NRCC Technical Trans. 930.
Order from NRCC \$1.50 NRCC C-3633

Trans. of Elektrichestvo (USSR) 1953, no. 8, p. 11-19.

DESCRIPTORS *Generators, Design, Electric power
production. *Hydroelectric power systems, Model tests.

(Engineering--Electrical, TT, v. 6, no. 5)

61-22399

- I. Kostenko, M. P.
- II. Urusov, I. D.
- III. NRCC TT-930
- IV. NRCC C-3633
- V. National Research Council
of Canada

180535

Office of Technical Services

Working Metals by Electro-Sparking, by
B. R. Lazarenko et al.

RUSSIAN, per, Elektrichestvo, No 8, 1955, pp 63-68.

CTA D 63587

Co-Op Tr Sch No 191
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Sci - Min/Metals
Electricity

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NTIS E-150000/4

AS-100-1000

JLA R-3116

Modern Achievements in the Field of Magnetic
Materials, by A. S. Zaymovskiy.

RUSSIAN, no per, Elektrichestvo, No 8,
1955, pp 68-74.

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Sci - Physics

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Some Problems of Electrical Measuring Technique,
by E. G. Shrankov.

RUSSIAN, per, Elektrichestvo, No 8, 1955, pp
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Sci - Electron

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New Field Control for a Blooming-Field Drive
Motor, by V. I. Arkhangelskiy. UNCL

RUSSEAN, per, Elektrichestvo, No 9, 1955,
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Sci. - Electron

Apr 59

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Methods of Improving the Characteristics of
D.C. Traction Motors, by N. S. Pomilushko, V. N.
Shlyukhtin. UNCL

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pp 18-22.

DSIR Lending Library Unit 14.4

Sci - Electron
Apr 59

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The Connection of Transformers Without
Drying, by A. K. Ashriatov.

RUSSIAN, per, Elektrichestvo, No 9,
1955, pp 44-54.

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Sci

Aug 58

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Methods for Calculating the Moisture in
Transformers, by S. A. Gorodyetskiy.

RUSSIAN, per, Elektrichestvo, No 9, 1955,
pp 54-59.

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Sci

Aug 58

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Problems of the Connection of Transformers
Without Drying, by A. P. Karenzin.

RUSSIAN, per, Elektrichestvo, No 9, 1955,
pp 60-62.

ASLIB-GB43

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A Test for the Connection of Transformers without
Drying, by D. I. Poliak.

RUSSIAN, per, Elektrichestvo, No 9, 1955, pp
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Measurement of Oil Film Thickness in Sliding
Friction Bearings and Thrust Bearings, by Ya. I.
Kagan,

~~RUSSIAN~~

RUSSIAN, per, Elektrichestvo, No 9, 1955, pp 73-76.

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PO Box 271, East Orange, N. J.

Sci - ~~Electronics~~, Engineering

Aug 1956

The Permissible Load when Starting Synchronous Motors with a Closed-Circuit Exciter, by M. N. Golosnov.

RUSSIAN, per, Elektrichestvo, No 10, 1955, pp 7-10.

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